Spare Parts Catalog

P/N 1-960328-08
Edition 9
October 2001

EasyCoder 501
Bar Code Label Printer

Intermec
Technologies Corporation

A UNOVA Company

Introduction

Contents

1. Introduction

Contents....1
Spare Parts Policy....2
EasyCoder 501 S General View....3
EasyCoder 501 E General View....4
EasyCoder 501 SA General View....5
EasyCoder 501 LL General View....6

2. Spare Parts

Keyboards....7
Bottom Plate....8
Print Unit (EasyCoder 501S, 501 E, & 501 SA)....9
Print Unit (EasyCoder 501 LL)....10
Ribbon Supply Unit....11
Ribbon Rewind Unit....12
Ribbon End Sensor....13
Media Supply Spool....14
3-inch Bobbin Adapter....15
Media Roll Retainer....16
Guide Shaft....17
Label Slack Absorber....18
Liner/Batch Takeup Unit....19
Takeup Guide Plate....20
CPU Board....21
Transformer Unit....22
Dual Serial Interface Kit....23
Parallel Interface Kit....24
RS-422/485 Serial Interface Kit....25
Industrial Interface Kit....26
Memory Card Adapter Kit....27
Label Taken Sensor Kit....28
Sensor Kit (Media Low/Ribbon Low)....29
Paper Cutter (Standard model)....30
Paper Cutter (LinerLess model)....31
Fan Fold Guides....32
Right-Hand Door with Inspection Window....33
Print Unit (Ribbon Save)....34
Headlift Mechanism (Ribbon Save)....35
Lifting Appliance (Ribbon Save)....36
Ribbon Rewind Unit (Ribbon Save)....37
Miscellaneous....38

Intermec EasyCoder 501
Spare Parts Catalog
Edition 9, October 2001
Part No. 1-960328-08

Spare Parts Policy

This Spare Parts Catalog contains information on items presently available as spare parts and accessories for the Intermec Easy-Coder 501 printer models.

You will notice that, as a rule, we supply only assembled spare parts. Our policy is based on the conviction that this is a more rational way of stocking spares and supplying adequate service as well.

For further information about parts not listed in this volume, please contact our Spare Parts Sales Department.

Information in this manual is subject to change without prior notice and does not represent a commitment on the part of Intermec.

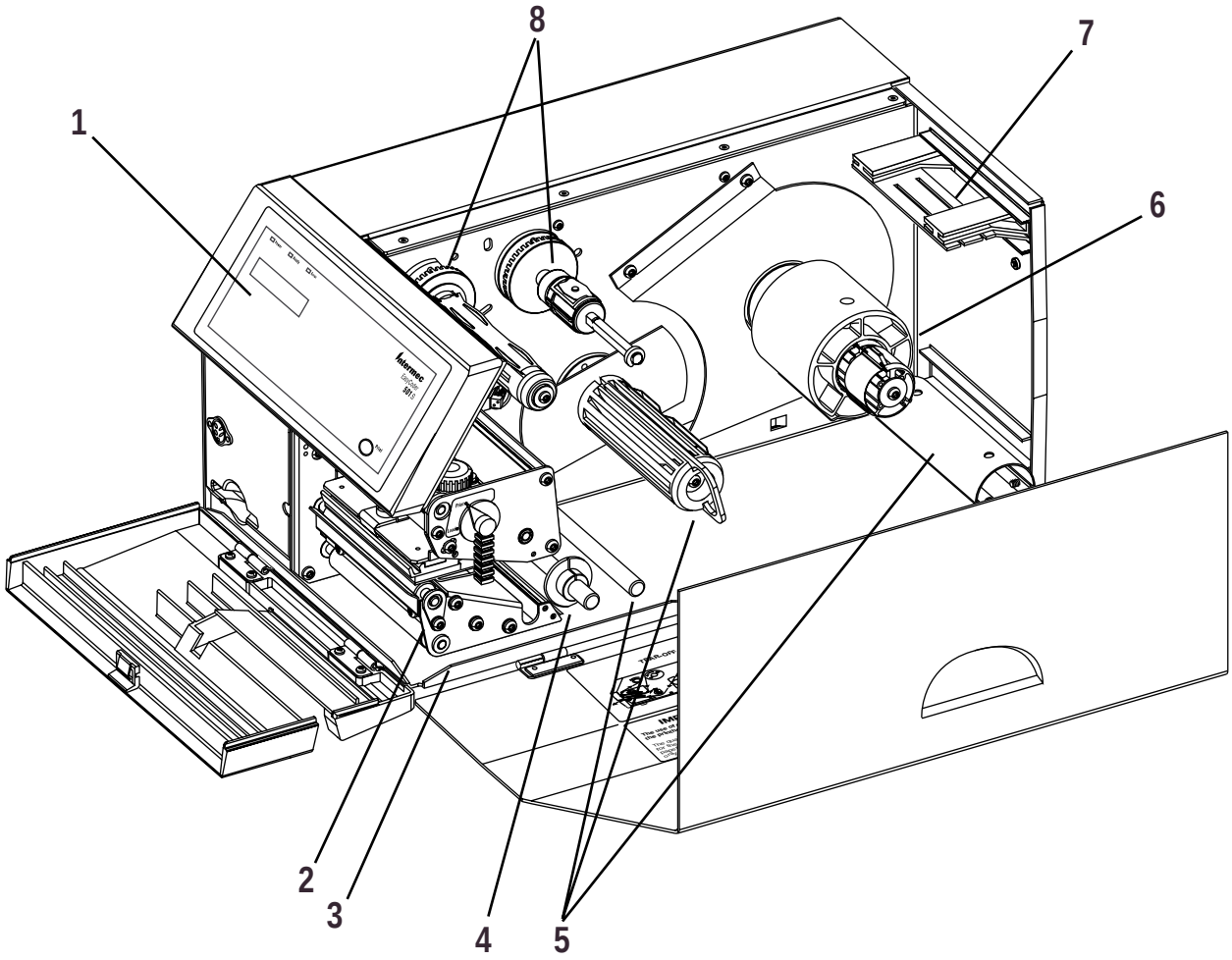
**For updated information,
please refer to the latest edition
of the Spare Parts Price List.**

Information in this manual is subject to change without prior notice and does not represent a commitment on the part of Intermec Printer AB.

© Copyright Intermec Printer AB, 2001. All rights reserved. Published in Sweden.

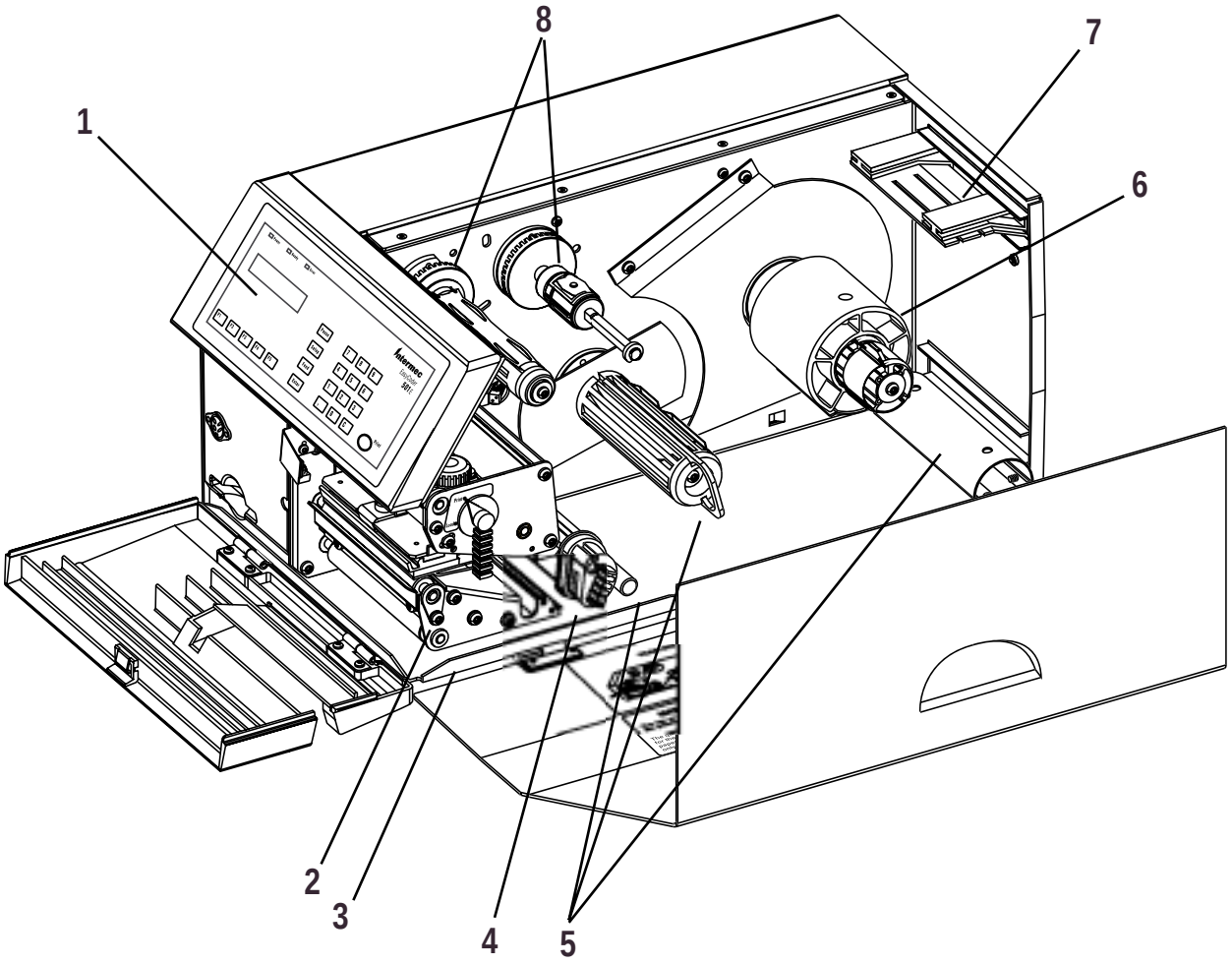
EasyCoder and Fingerprint are registered trademarks of Intermec Technologies Corp. The word Intermec and the Intermec logo are trademarks of Intermec Technologies Corp.

EasyCoder 501 S General View



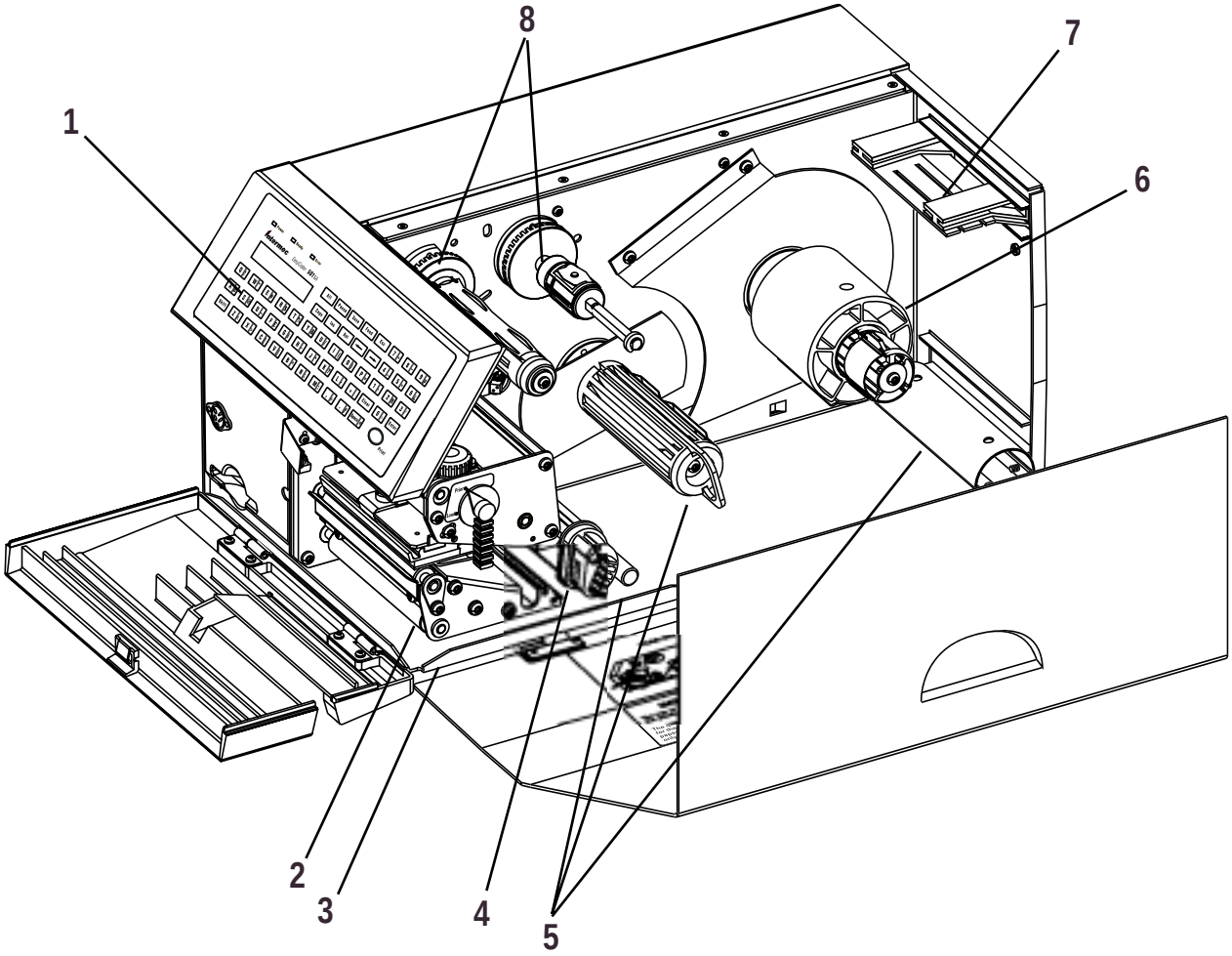
Pos.	Description	Remarks
1	Keyboard	See page 7
2	Print Unit (Std model)	See page 9
3	Bottom Plate	See page 8
4	Guide Shaft	See page 17
5	Liner/Batch Takeup Kit	See pages 16 & 19
6	Media Supply Spool with 3-inch Adapter (option)	See pages 14–15
7	Fan Fold Guides	See page 32
8	Transfer Ribbon Mechanism	See pages 11–13
–	CPU-board	See page 21
–	Transformer Unit	See page 22
–	Interface Board	See page 24
–	Other Options	See pages 16, 27, 30, 33
–	Miscellaneous	See page 38

EasyCoder 501 E General View



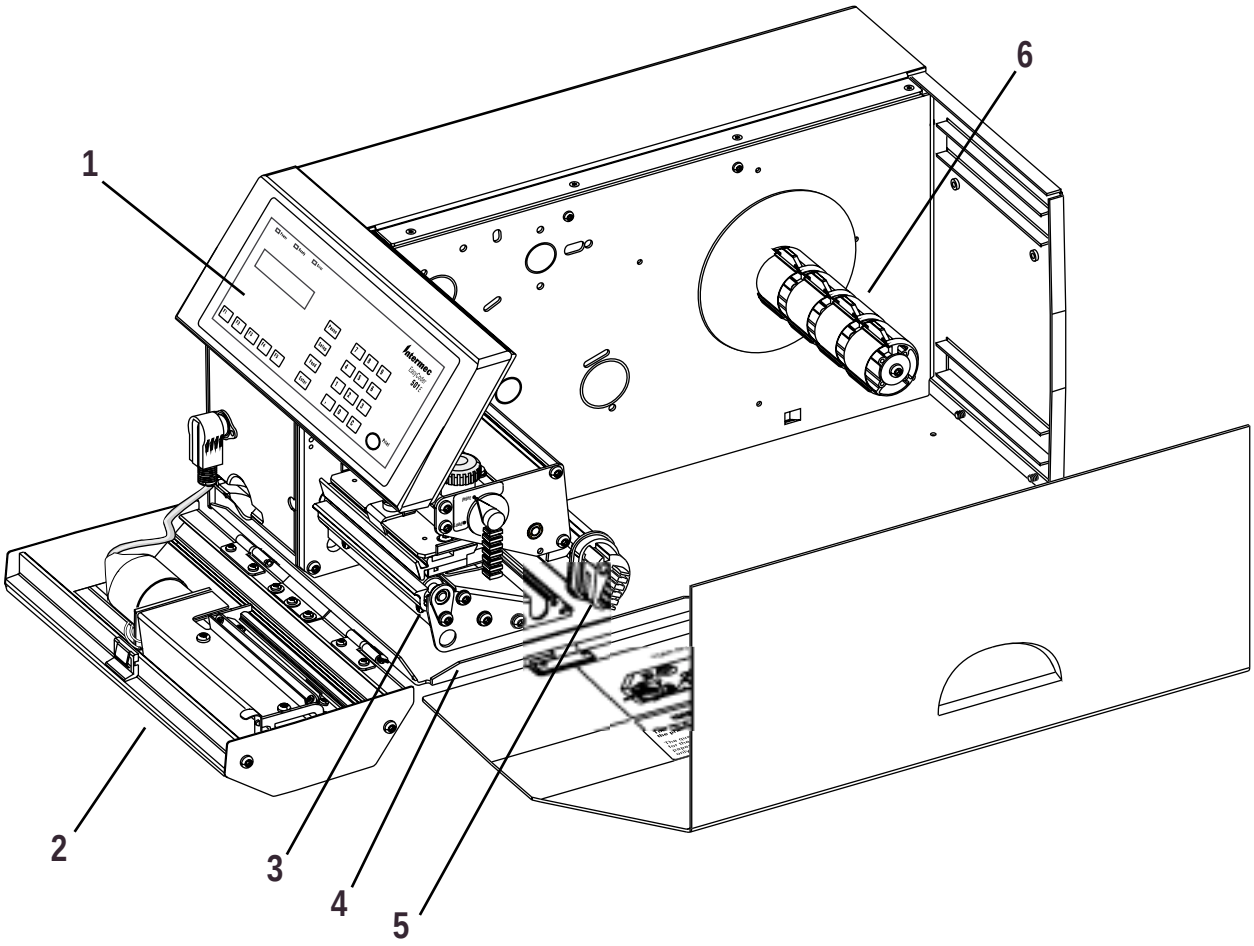
Pos.	Description	Remarks
1	Keyboard	See page 7
2	Print Unit (Std model)	See page 9
3	Bottom Plate	See page 8
4	Label Slack Absorber	See page 18
5	Liner/Batch Takeup Kit	See pages 16 & 19
6	Media Supply Spool with 3-inch Adapter (option)	See pages 14–15
7	Fan Fold Guides	See page 32
8	Transfer Ribbon Mechanism	See pages 11–13
–	CPU-board	See page 21
–	Transformer Unit	See page 22
–	Interface Boards	See pages 23–26
–	Other Options	See pages 16, 27, 28, 29, 30, 33
–	Ribbon Save Device	See pages 34–37
–	Miscellaneous	See page 38

EasyCoder 501 SA General View



Pos.	Description	Remarks
1	Keyboard	See page 7
2	Print Unit (Std model)	See page 9
3	Bottom Plate	See page 8
4	Label Slack Absorber	See page 18
5	Liner/Batch Takeup Kit	See pages 16 & 19
6	Media Supply Spool with 3-inch Adapter (option)	See pages 14–15
7	Fan Fold Guides	See page 32
8	Transfer Ribbon Mechanism	See pages 11–13
–	CPU-board	See page 21
–	Transformer Unit	See page 22
–	Interface Boards	See pages 23–26
–	Other Options	See pages 16, 27, 28, 29, 30, 33
–	Ribbon Save Device	See pages 34–37
–	Miscellaneous	See page 38

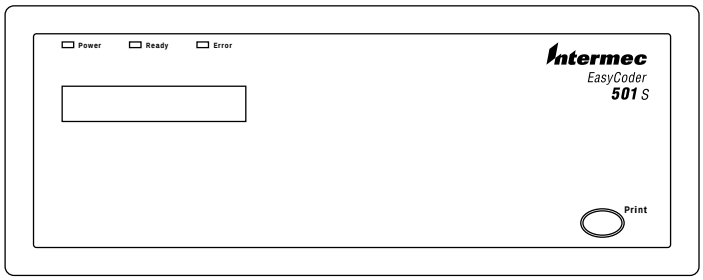
EasyCoder 501 LL General View



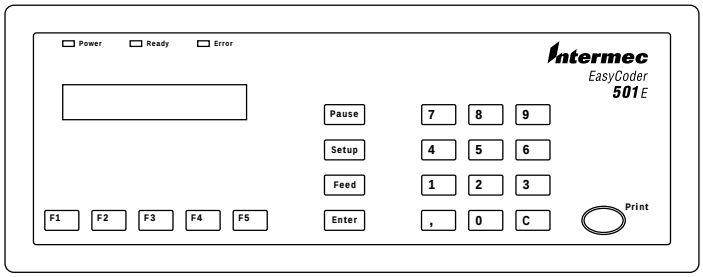
Pos.	Description	Remarks
1	Keyboard	See page 7
2	LinerLess Cutter (option)	See page 31
3	Print Unit (LinerLess model)	See page 10
4	Bottom Plate	See page 8
5	Label Slack Absorber	See page 18
6	Media Supply Spool	See pages 14
–	CPU-board	See page 21
–	Transformer Unit	See page 22
–	Interface Boards	See pages 23–26
–	Other Options	See pages 15, 27, 28, 33
–	Miscellaneous	See page 38

Spare Parts

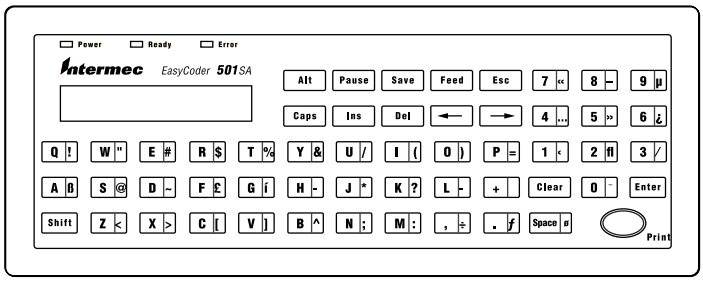
Keyboards



1



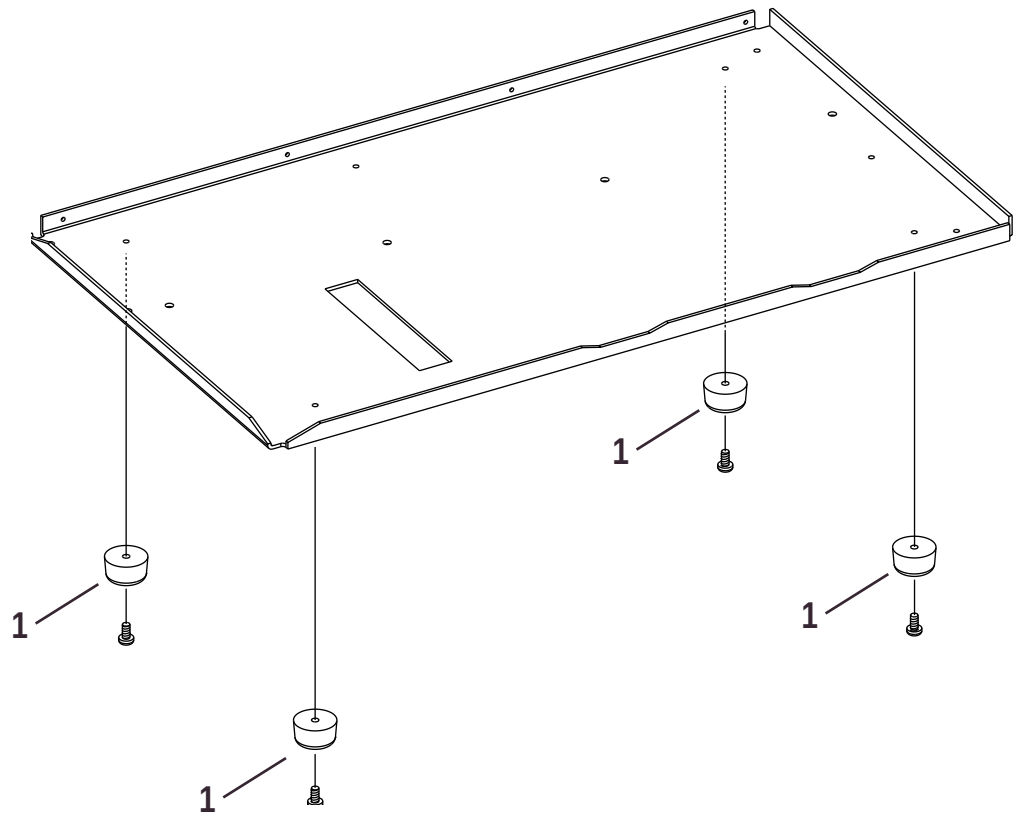
2



3

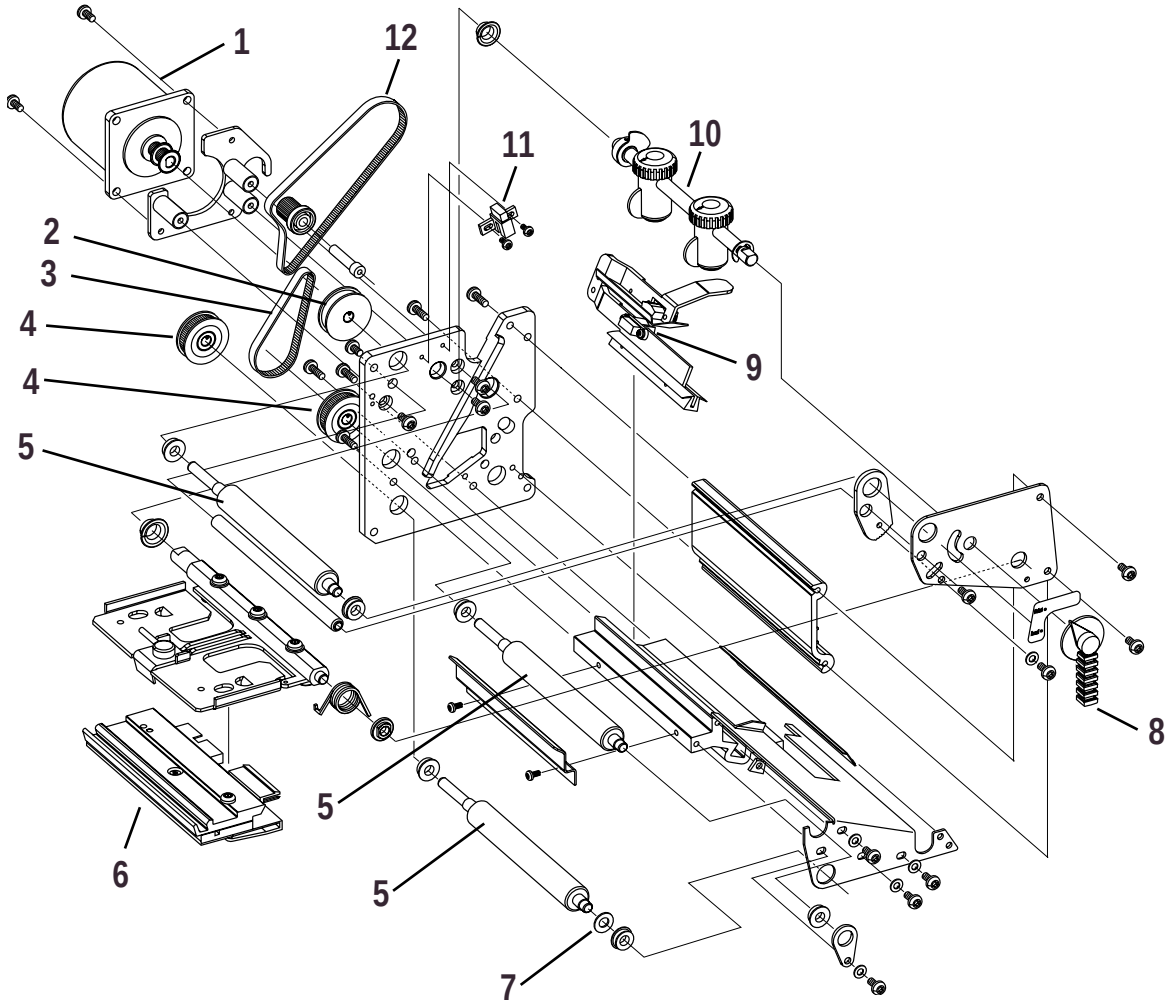
Pos.	Part No.	Description	Remarks
–	**1-040067-95**	Keyboard assy. excl. display and slide Keyboard, complete unit incl. keyboard, display board, plate, slide, screws and cable to CPU board. Three different slides:	
1	**1-040337-90**	Keyboard EasyCoder 501 S	
2	**1-040337-92**	Keyboard EasyCoder 501 E & 501 LL	
3	**1-040337-95**	Keyboard EasyCoder 501 SA	

Bottom Plate



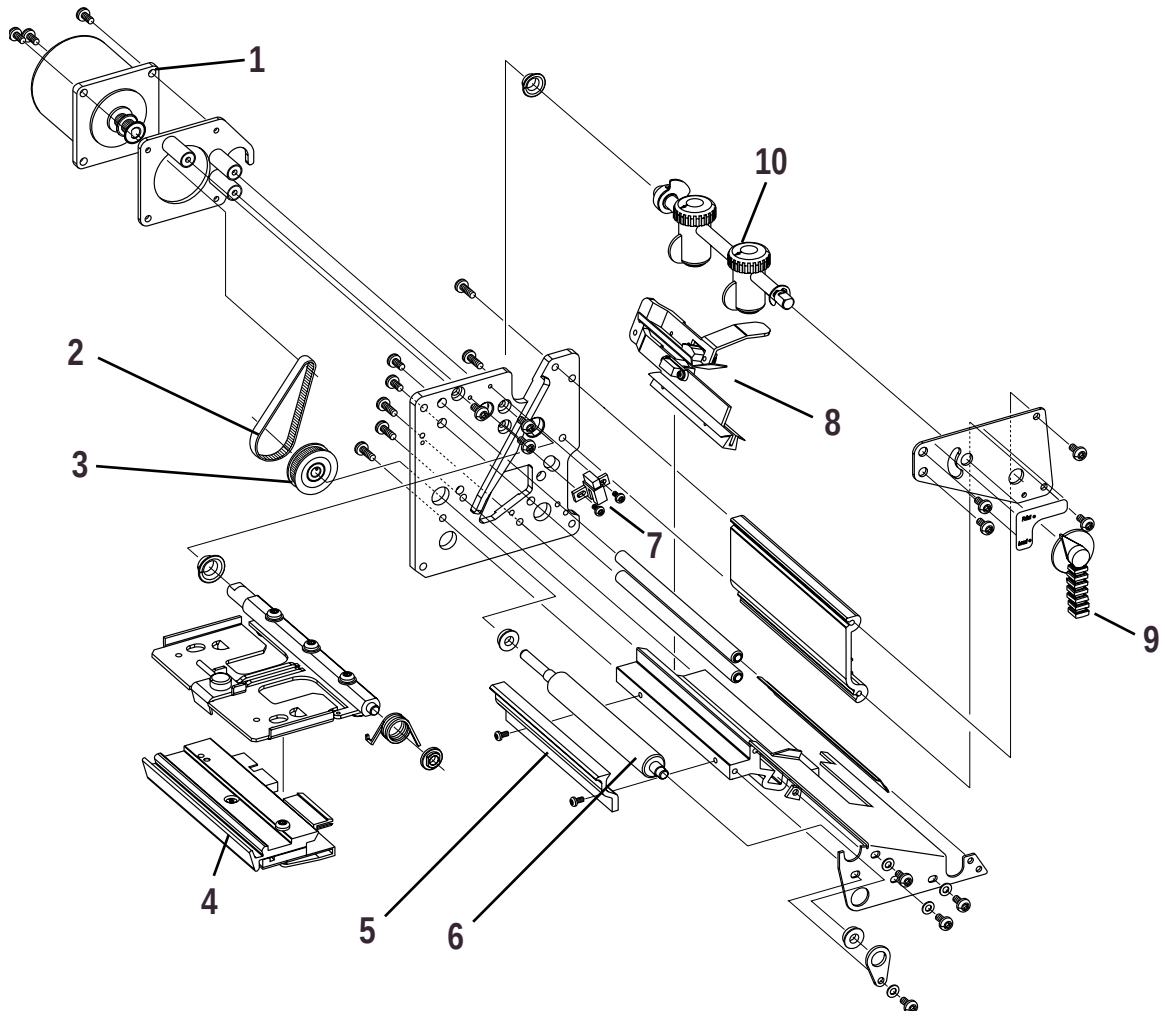
Pos.	Part No.	Description	Remarks
1	**1-992450-04**	Rubber Foot Grey D23x13	Excl. screw

Print Unit (EasyCoder 501 S, 501 E, & 501 SA)



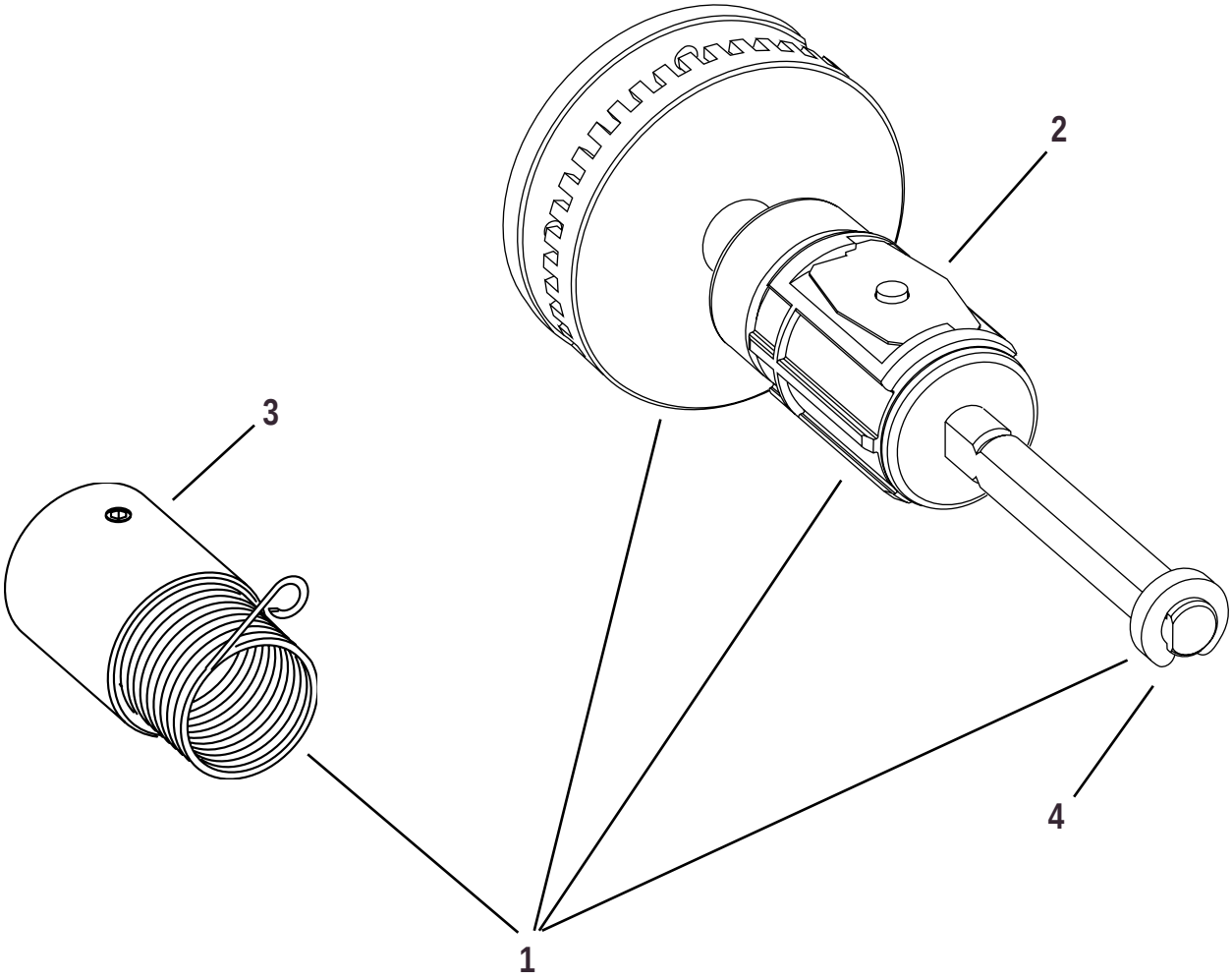
Pos.	Part No.	Description	Remarks
1	**1-040111-91**	Stepper Motor assy.	
2	**1-040519-90**	Tooth Belt Wheel assy.	
3	**1-995101-20**	Tooth Belt 608M XL025 T=76	
4	**1-040100-02**	Tooth Belt Wheel assy.	
5	**1-040230-90**	Platen Roller/Ribbon Assist Roller/ Liner Drive Roller assy.	Incl. 2 roller bearings
6	**1-010010-93**	Thermal Printhead (8 dots/mm = 203.2 dpi)	Complete w. adapter
6	**1-010003-92**	Thermal Printhead (11.81 dots/mm = 300 dpi)	Complete w. adapter
7	**1-995010-20**	Washer DB 6x12x1.0	
8	**1-040213-00**	Cam Handle	
9	**1-040109-00**	Label Stop Sensor assy.	Complete unit w cables
10	**1-040138-20**	Head Pressure assy.	Complete unit
11	**1-975607-25**	Reflecting Sensor assy.	Cable not shown
12	**1-995101-81**	Tooth Belt 138MXL025 T=138	

Print Unit (EasyCoder 501 LL)



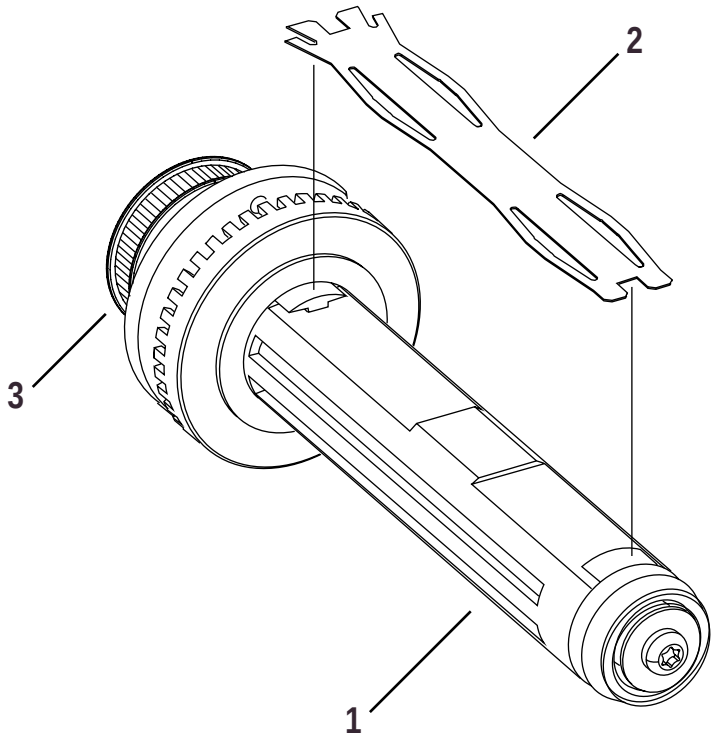
Pos.	Part No.	Description	Remarks
1	**1-040111-91**	Stepper Motor assy.	
2	**1-995101-20**	Tooth Belt 608M x L025 T=76	
3	**1-040100-02**	Tooth Belt Wheel assy.	
4	**1-010010-91**	Thermal Printhead (8 dots/mm = 203.2 dpi)	Complete w. adapter
5	**1-040475-00**	Tear Bar	
6	**1-040467-90**	Platen Roller assy.	Incl. 2 roller bearings
7	**1-975607-25**	Reflecting Sensor assy. (Printhead lift)	Cable not shown
8	**1-040109-00**	Label Stop Sensor assy.	Complete unit w cables
9	**1-040213-00**	Cam Handle	
10	**1-040138-20**	Head Pressure assy.	Complete unit

Ribbon Supply Unit



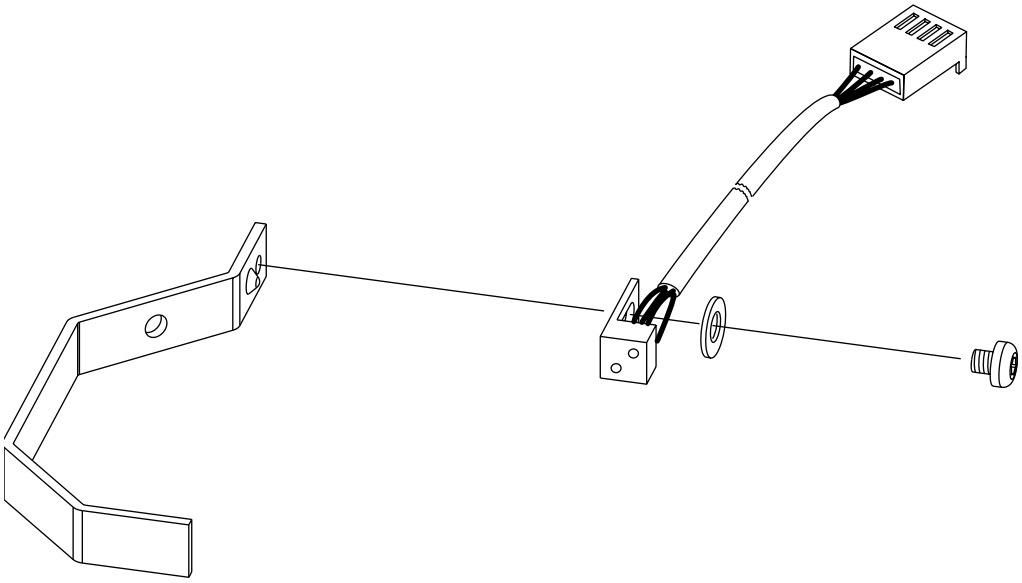
Pos.	Part No.	Description	Remarks
1	**1-040073-97**	Ribbon Supply assy	Complete unit incl brake, pivot, and fixer ring.
2	**1-040157-00**	Pivot assy.	
3	**1-040176-00**	Spring Brake assy.	
4	**1-040448-00**	Fixer Ring	

Ribbon Rewind Unit



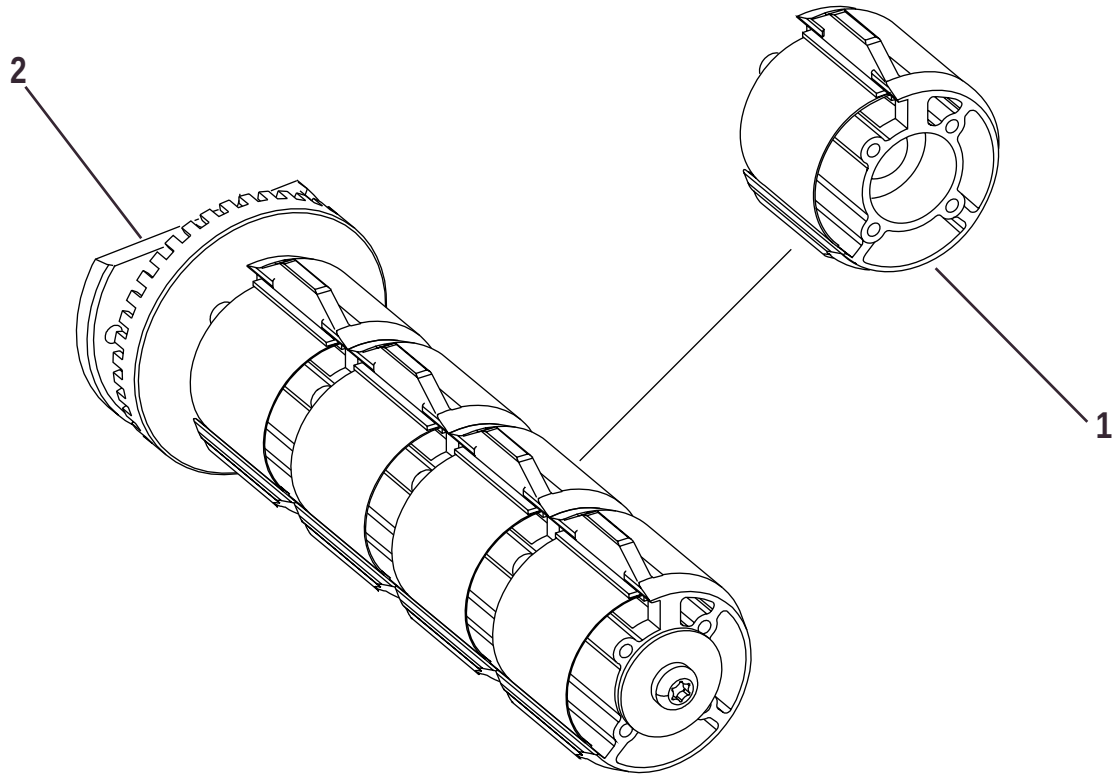
Pos.	Part No.	Description	Remarks
1	**1-040065-97**	Ribbon Rewind Unit assy.	Complete unit incl. gear wheel and bobbin plate
2	**1-040443-11**	Bobbin Plate	
3	**1-040124-00**	Gear Wheel assy.	

Ribbon End Sensor



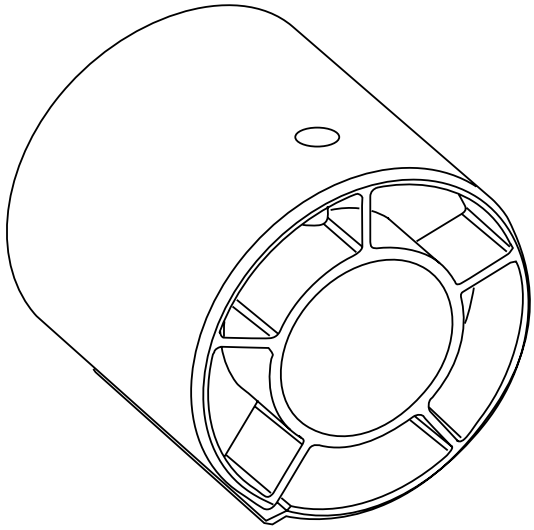
Pos.	Part No.	Description	Remarks
–	**1-040074-00**	Ribbon End Sensor assy.	Complete unit

Media Supply Spool



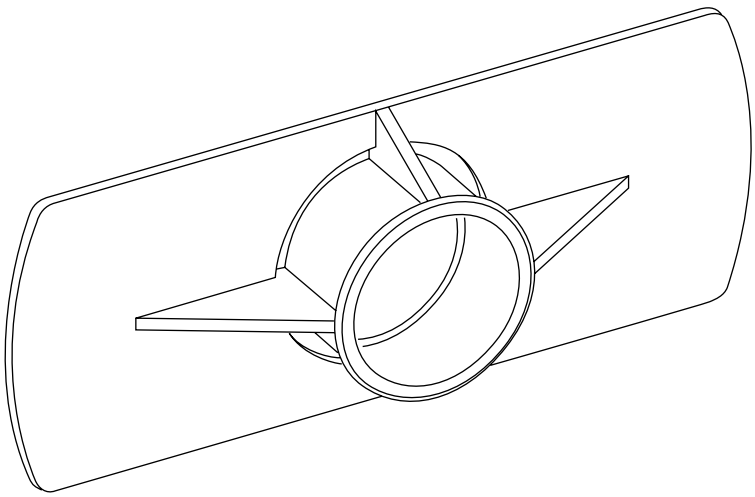
Pos.	Part No.	Description	Remarks
1	**1-040060-02**	Media Supply Unit 4"	Complete unit
2	**1-150166-00**	Bobbin assy.	

3-inch Bobbin Adapter



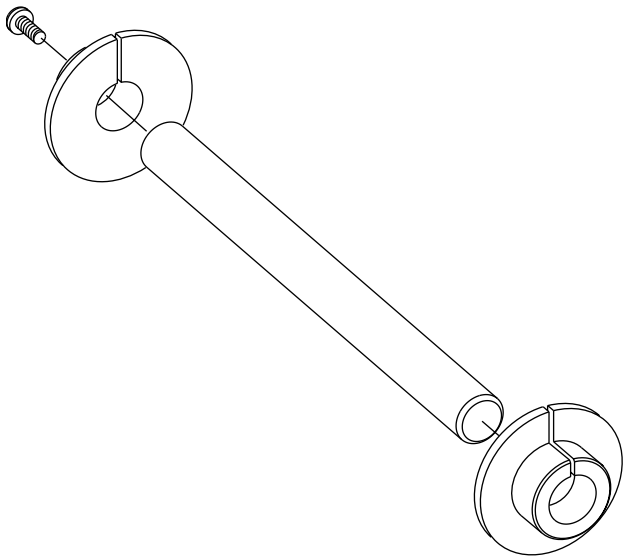
Pos.	Part No.	Description	Remarks
1	**1-040327-52**	Bobbin Adapter assy.	Ø 76 mm (3")

Media Roll Retainer



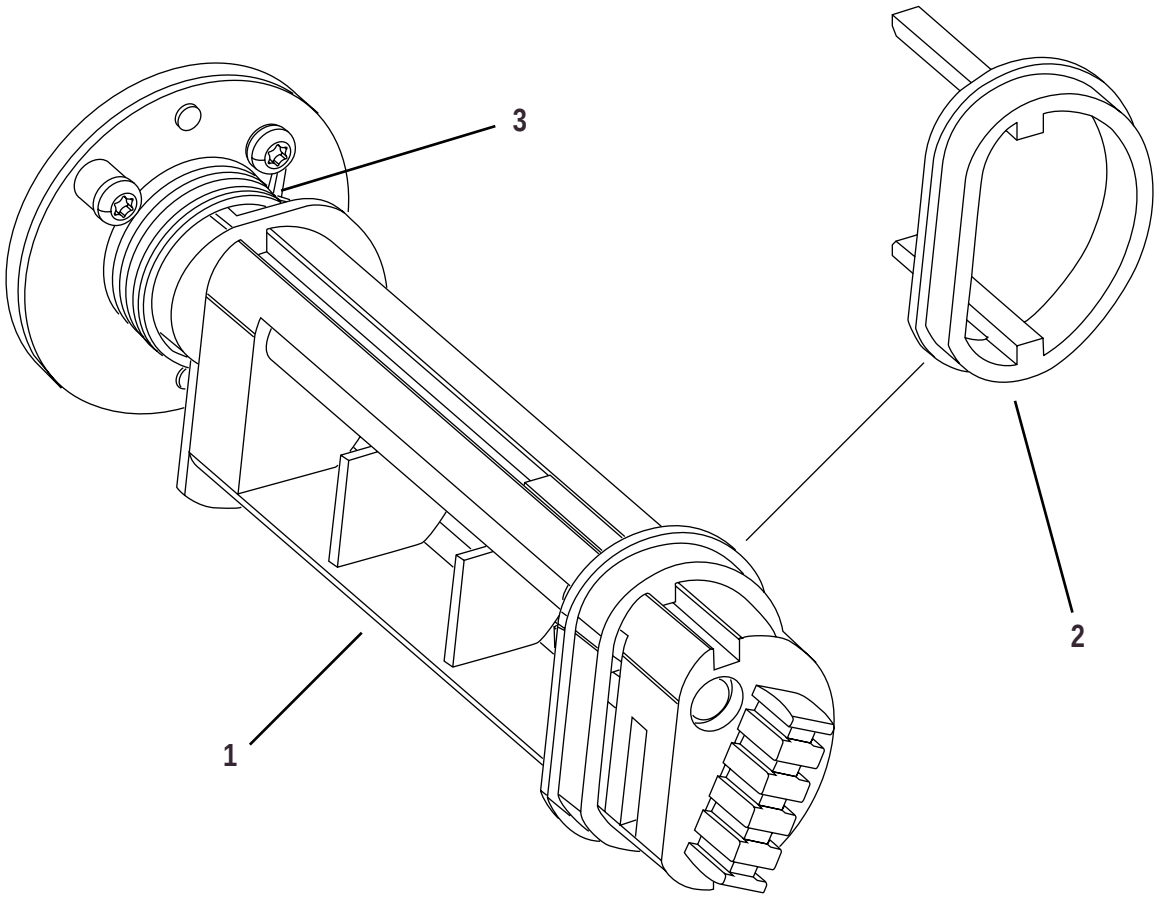
Pos.	Part No.	Description	Remarks
1	**1-776290-00**	Media Roll Retainer	

Guide Shaft



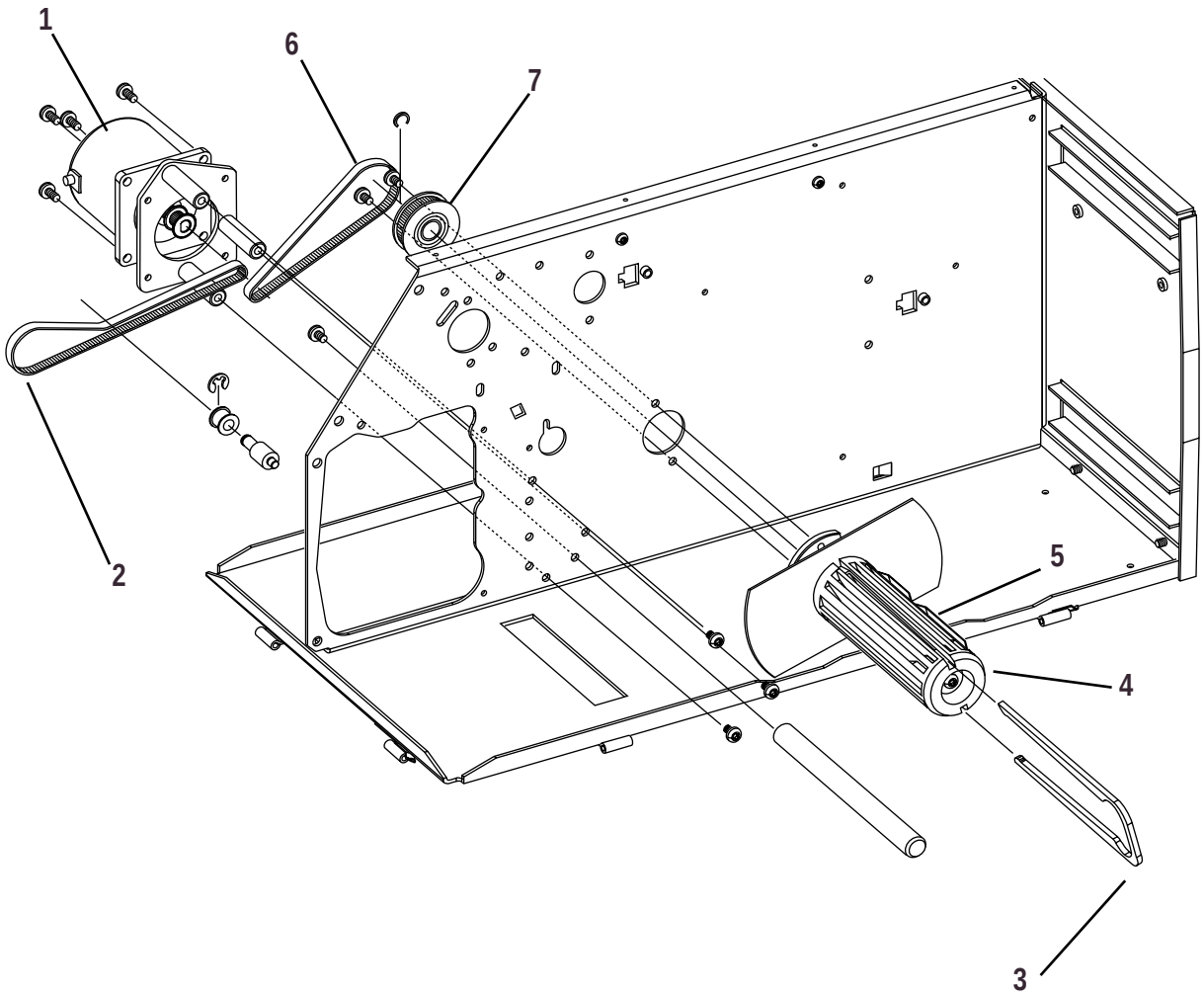
Pos.	Part No.	Description	Remarks
1	**1-776238-10**	Edge Guide	

Label Slack Absorber



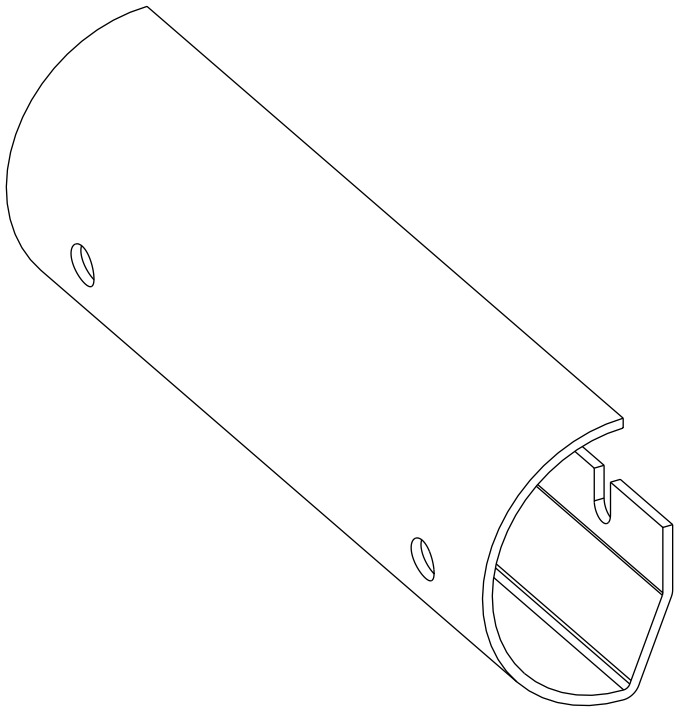
Pos.	Part No.	Description	Remarks
1	**1-040061-90**	Label Slack Absorber assy.	Complete unit
2	**1-040329-00**	Edge Guide	
3	**1-040321-00**	Spring	

Liner/Batch Takeup Unit



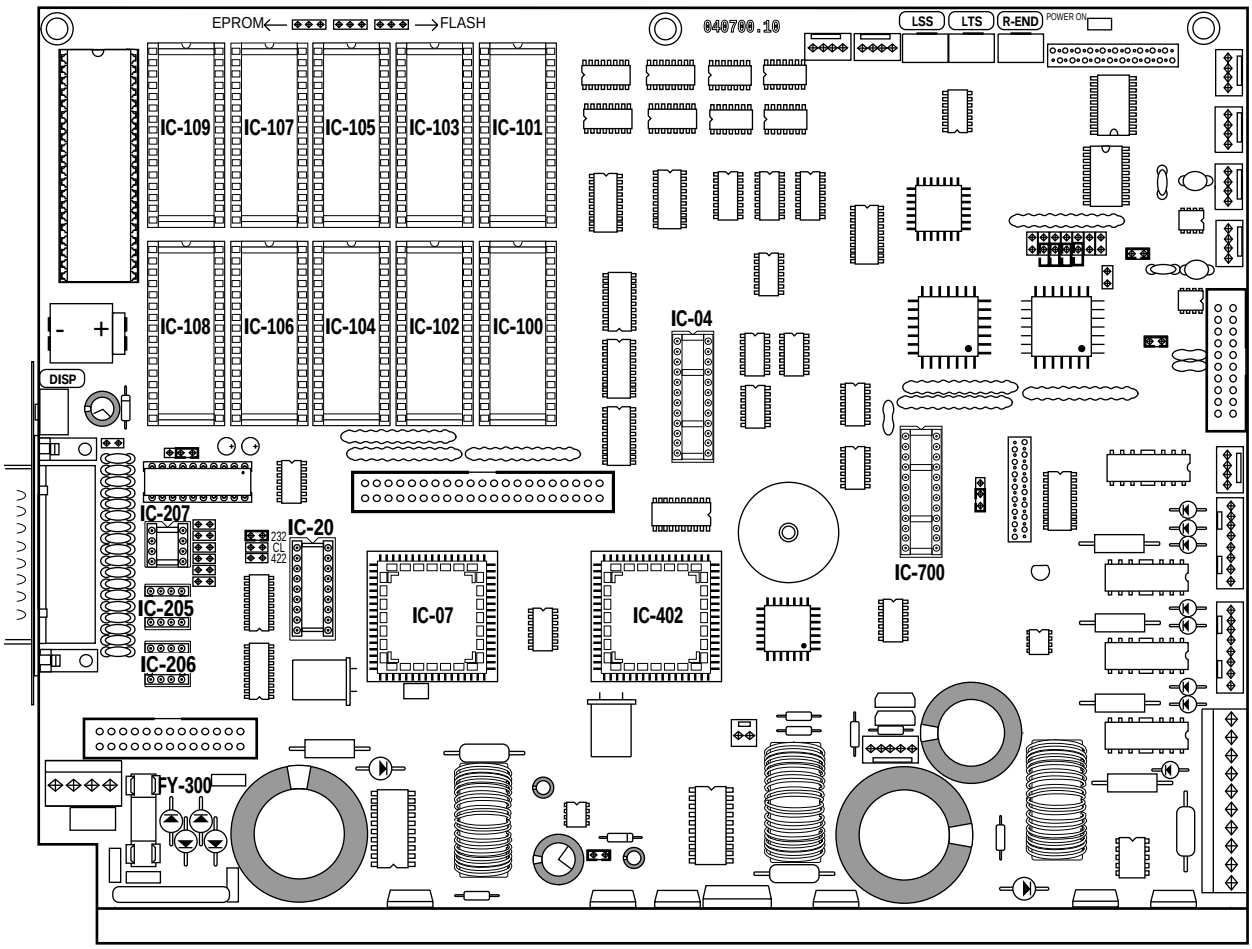
Pos.	Part No.	Description	Remarks
1	**1-040111-91**	Stepper Motor assy.	Cable not shown
2	**1-995101-80**	Tooth Belt 1240MXL025 T=155	
3	**1-040317-00**	Brace	
4	**1-040063-90**	Takeup Unit assy.	Incl. pulley, plate, and brace
5	**1-040335-01**	Bobbin Plate (Takeup)	
6	**1-995101-42**	Tooth Belt 880MXL025 T=110	
7	**1-040124-00**	Gear Wheel assy.	

Takeup Guide Plate



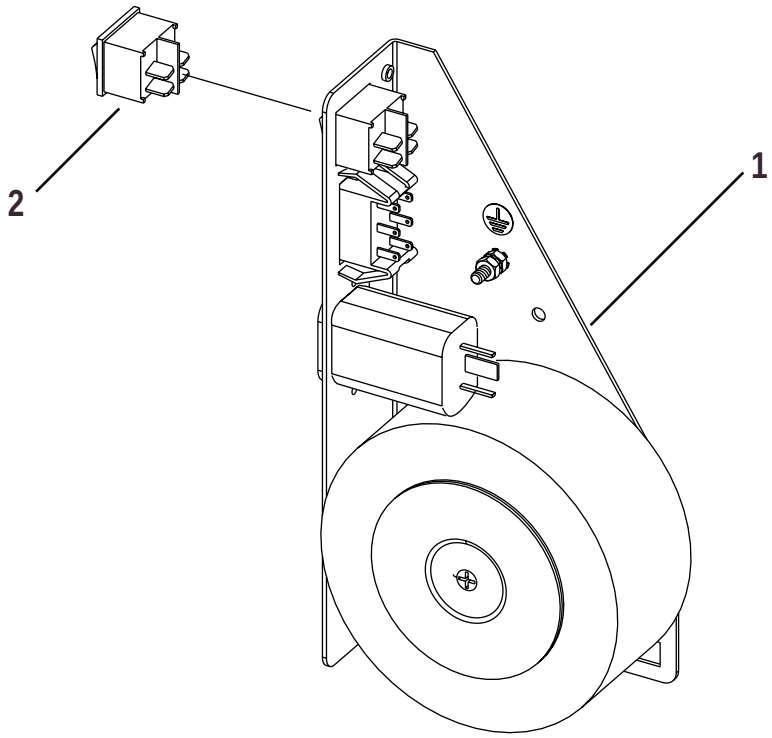
Pos.	Part No.	Description	Remarks
–	**1-040253-01**	Takeup Guide Plate	

CPU Board



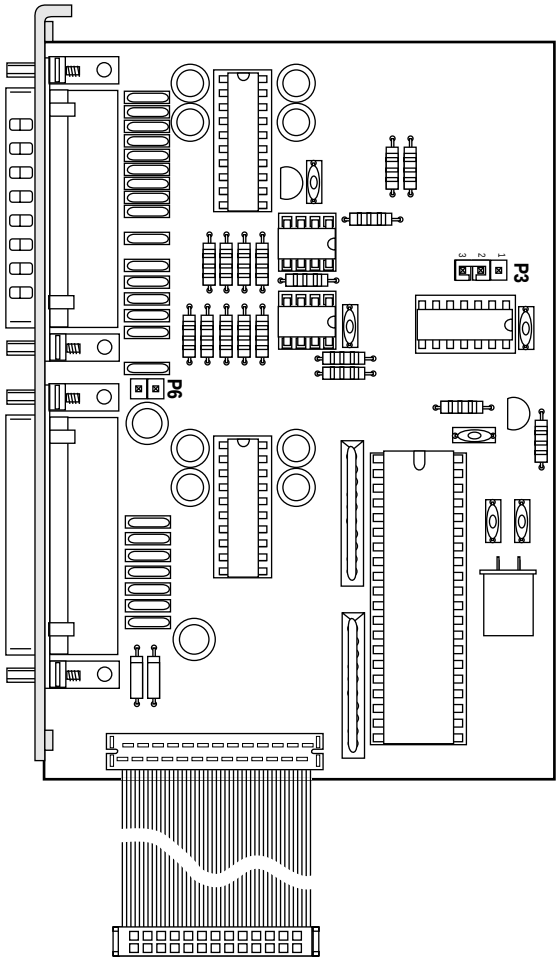
Pos.	Part No.	Description	Remarks
–	**1-040700-90**	CPU-board assy	Includes these circuits:
IC 07	**1-989539-15**	IC-32CG16-15	
IC 402	**1-989495-10**	IC-HPC 46083-XXX/V20YTM	
FY-300	**1-985157-25**	Fuse 6.3A 5x20 FST IEC (spare part)	Also available as spare part
		Accessories (not incl. in 1-040700-90):	
IC 100-101	**1-972xxx-xx**	Intermec Fingerprint firmware	
IC 102–105	**–**	Application programs, fonts etc.	Contact Intermec
IC 106–109	**1-989645-00**	IC-HN 628128 LP-10 RAM 1 Mb	128 kbyte
IC 20	**1-989518-00**	IC-RTC72421 Clock circuit	Optional
IC 205–206	**1-985319-00**	IC-6N139 Optocoupler	Optional (for 20 mA CL)
IC 207	**1-956036-00**	RS 422 Circuit	Optional (for RS 422)

Transformer Unit



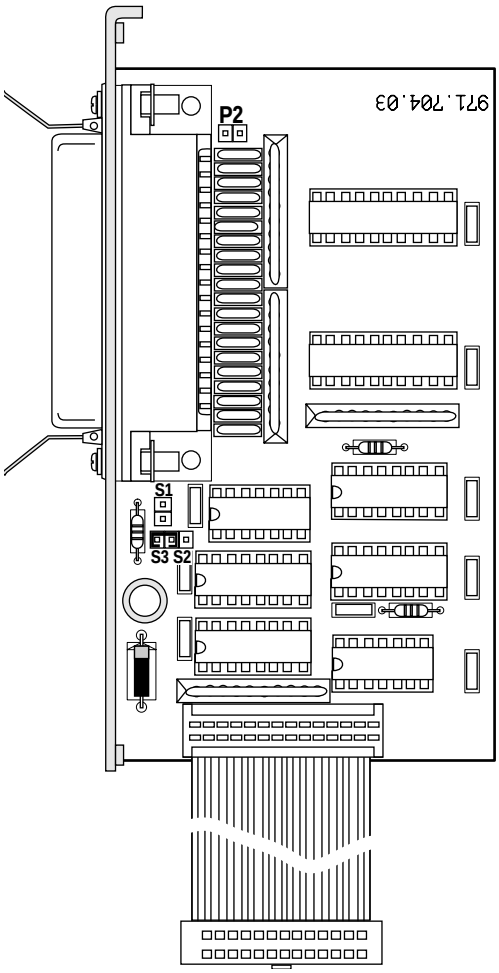
Pos.	Part No.	Description	Remarks
1	**1-040066-02**	Transformer Unit assy.	Complete unit
2	**1-983345-00**	On/Off Switch 2P	

Dual Serial Interface Kit



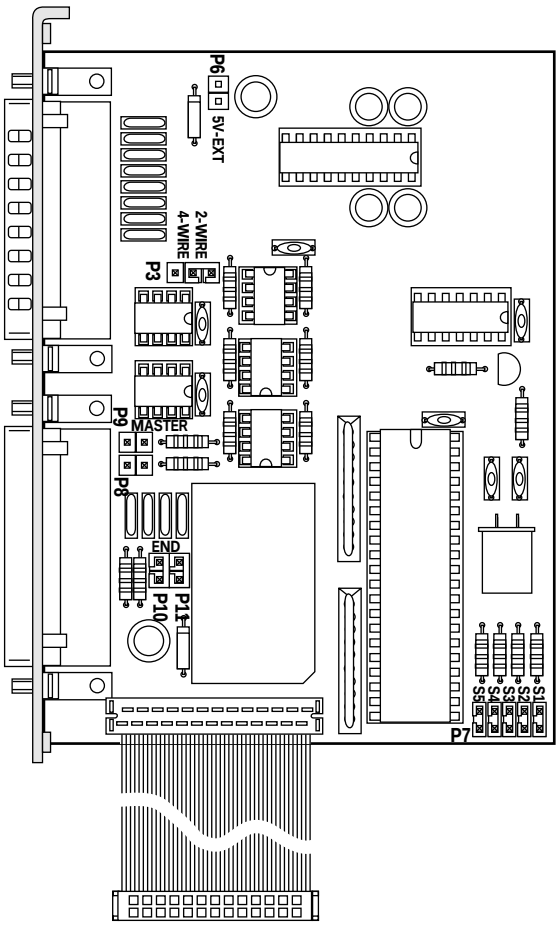
Pos.	Part No.	Description	Remarks
–	**1-040554-00**	Dual Serial Interface Kit	Incl. cable, cover plate, and installation instructions

Parallel Interface Kit



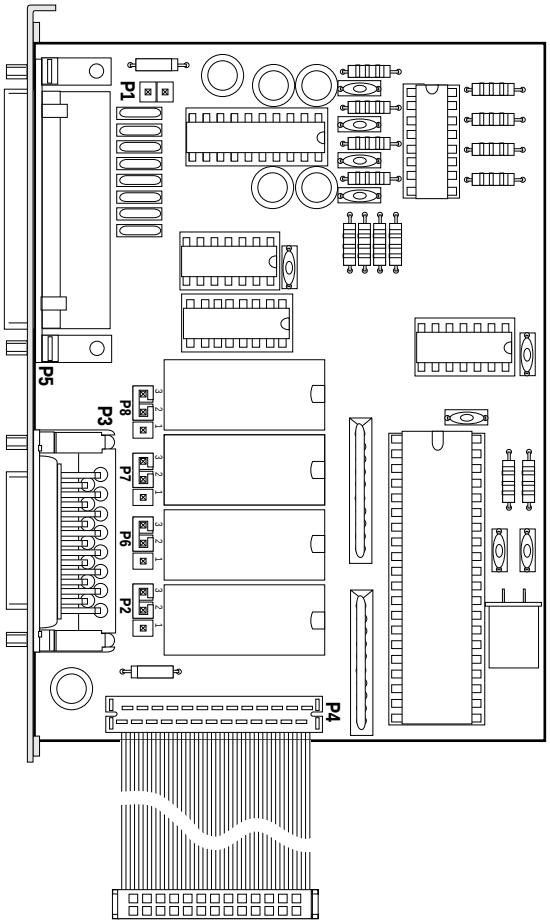
Pos.	Part No.	Description	Remarks
–	**1-040553-00**	Parallel Interface Board Kit	Incl. cable, cover plate, and installation instructions

RS-422/485 Serial Interface Kit



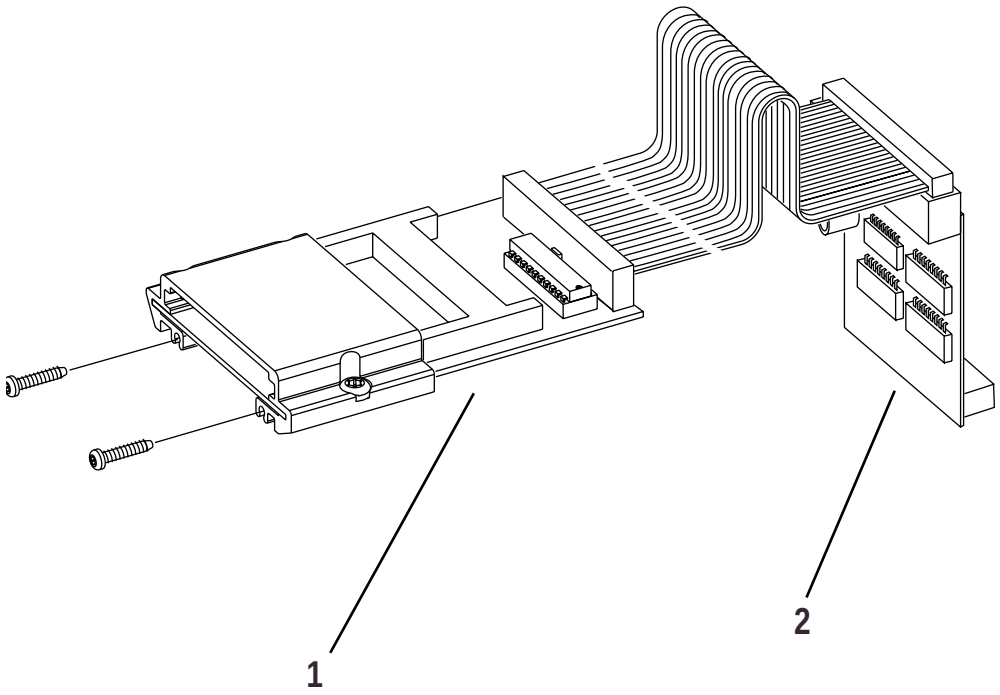
Pos.	Part No.	Description	Remarks
–	**1-040557-00**	RS-422/485 Serial Interface Kit	Incl. cable, cover plate, and installation instructions

Industrial Interface Kit



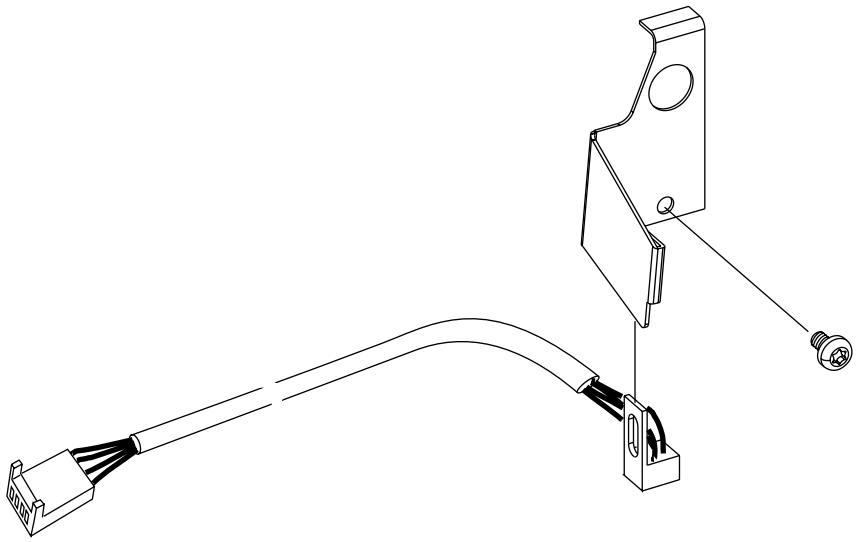
Pos.	Part No.	Description	Remarks
–	**1-040558-00**	Industrial Interface Kit	Incl. cable, cover plate, and installation instructions

Memory Adapter Kit



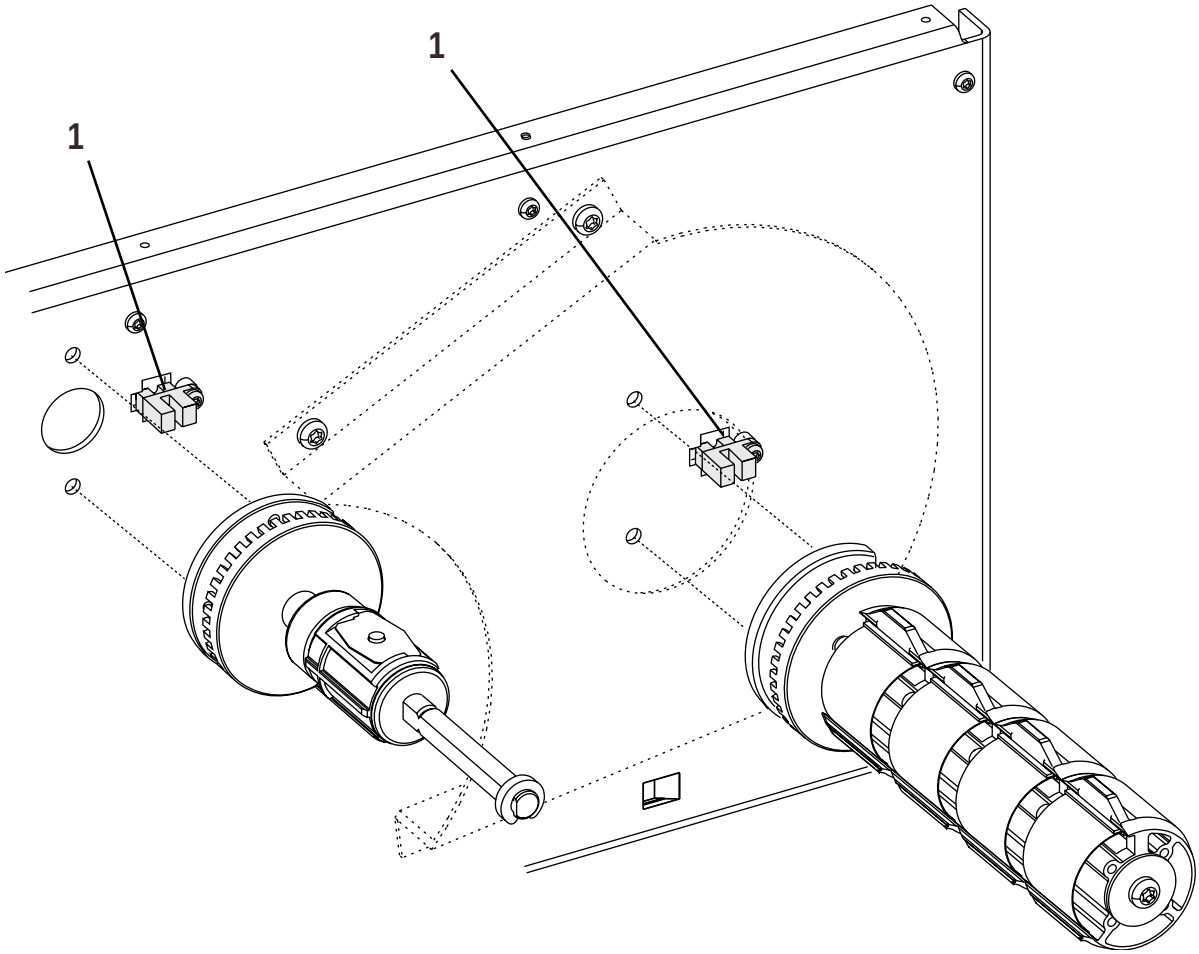
Pos.	Part No.	Description	Remarks
1	**1-040556-01**	Memory Adapter Kit assy.	Complete kit incl. bus driver board and installation instruc tions.
2	**1-971712-25**	Bus Driver Board	

Label Taken Sensor Kit



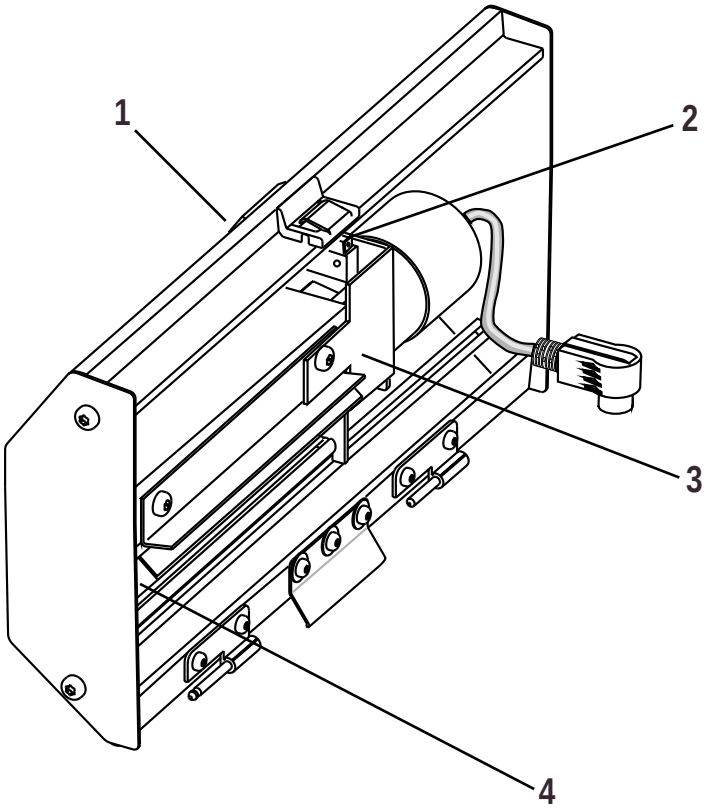
Pos.	Part No.	Description	Remarks
–	**1-040559-00**	Label Taken Sensor Kit	Complete kit incl. installation instructions.

Sensor Kit (Media Low/Ribbon Low)



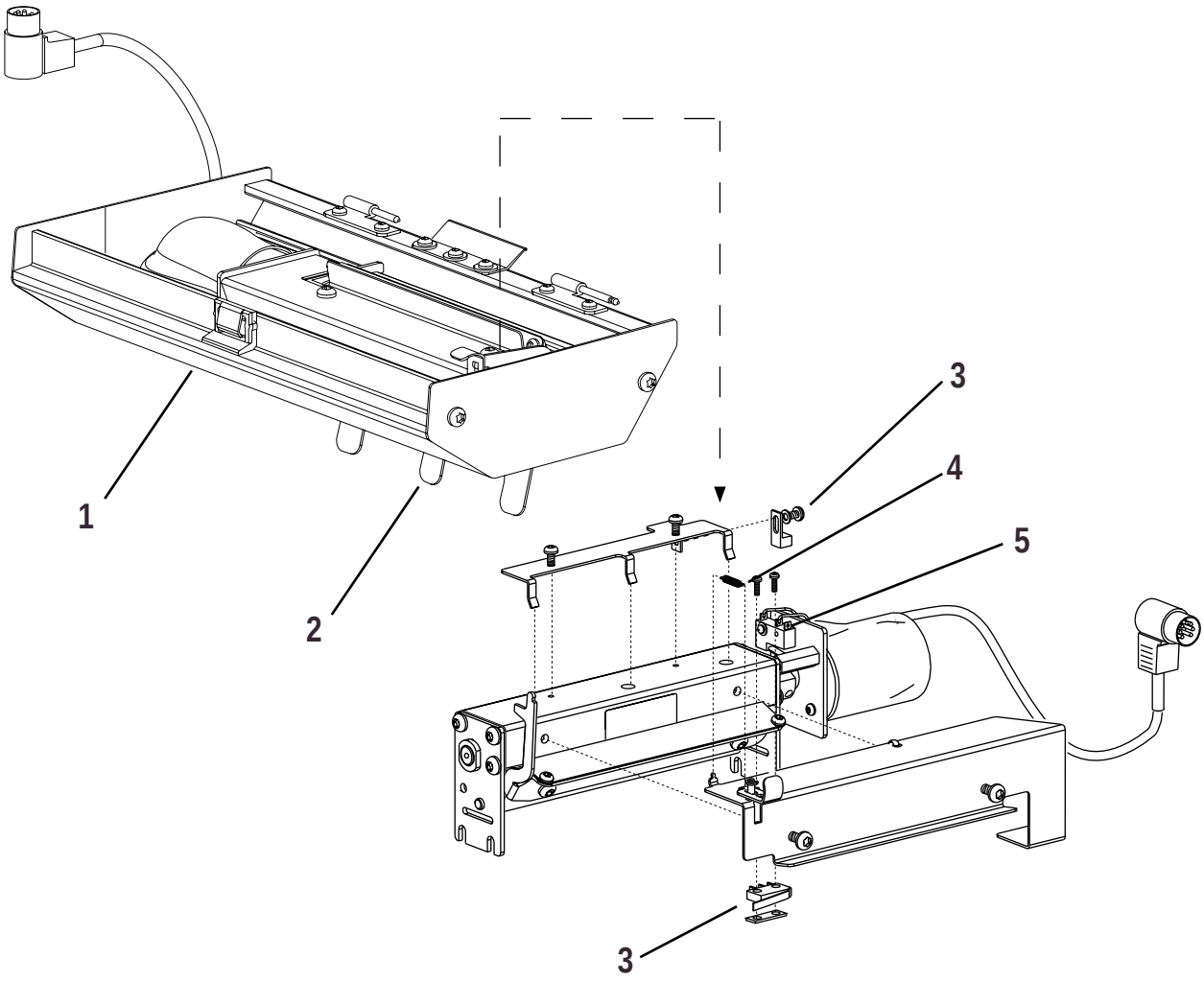
Pos.	Part No.	Description	Remarks
–	**1-040562-00**	Sensor Kit	Complete kit with two sen sors with cables, two screws, and installation instructions
1	**1-975605-20**	Reflecting Sensor assy.	Cable not shown

Paper Cutter (Standard model)



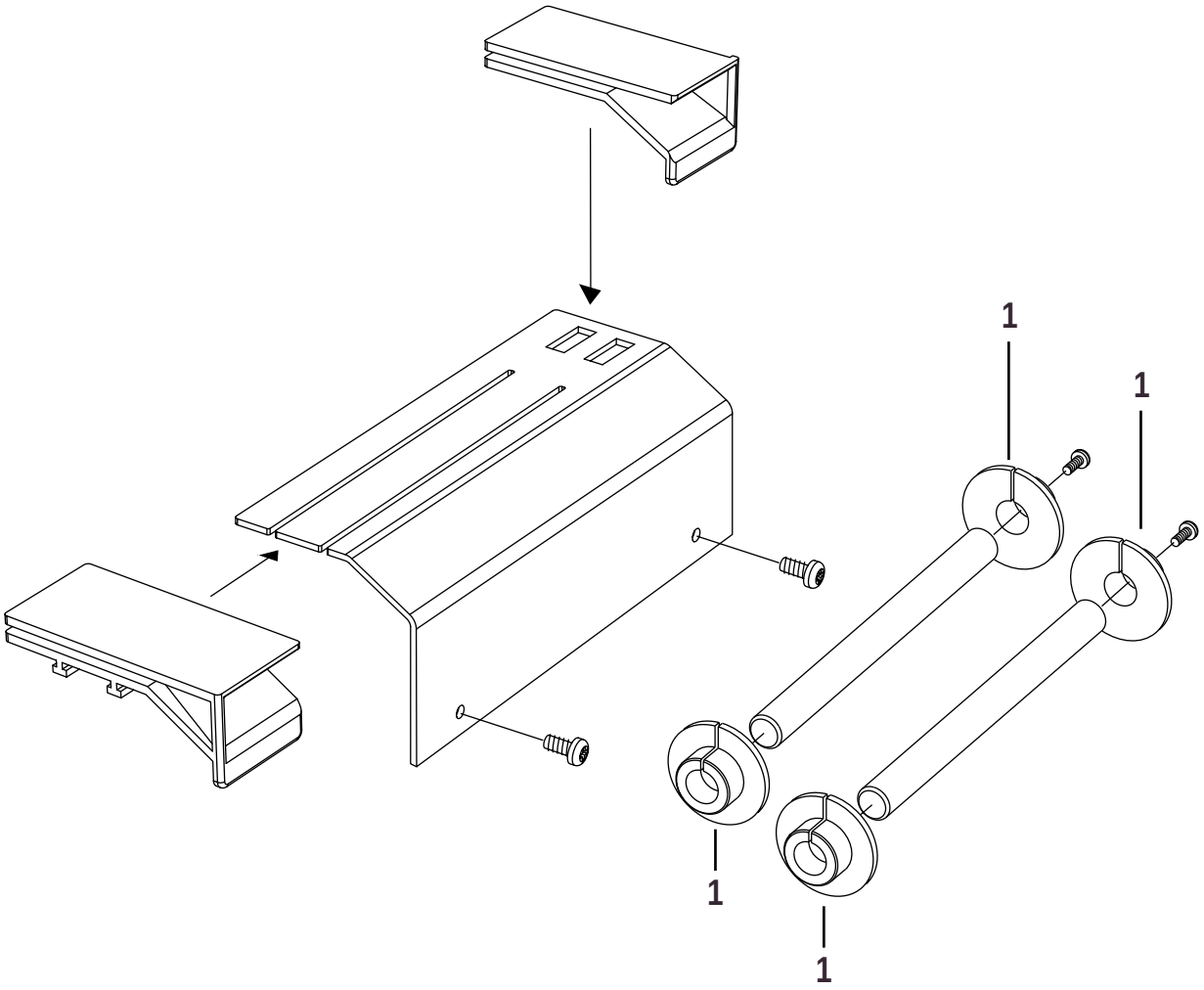
Pos.	Part No.	Description	Remarks
1	**1-040551-00**	Paper Cutter Kit assy.	Complete kit incl. installation instructions.
2	**1-983353-00**	Micro Switch	
3	**1-040122-01**	Cutter Mechanism	Cutter width 120 mm
4	**1-040450-00**	Spring	Not visible

Paper Cutter (LinerLess model)



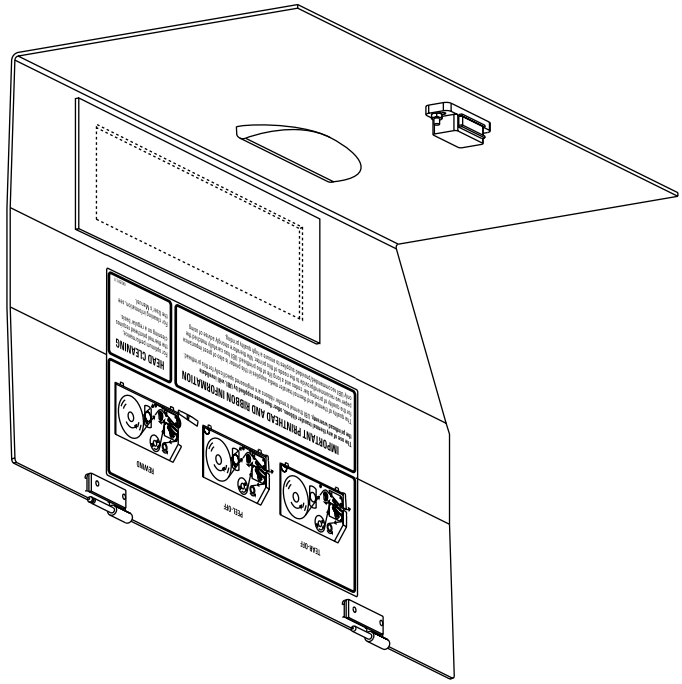
Pos.	Part No.	Description	Remarks
1	**1-040566-00**	Paper Cutter, Linerless assy.	Complete unit
2	**1-040466-00**	Guide Plate	
3	**1-040486-00**	Sensor Kit (with cables)	
4	**1-040482-01**	Spring	
5	**1-983353-00**	Microswitch (w/o cable)	

Fan Fold Guides



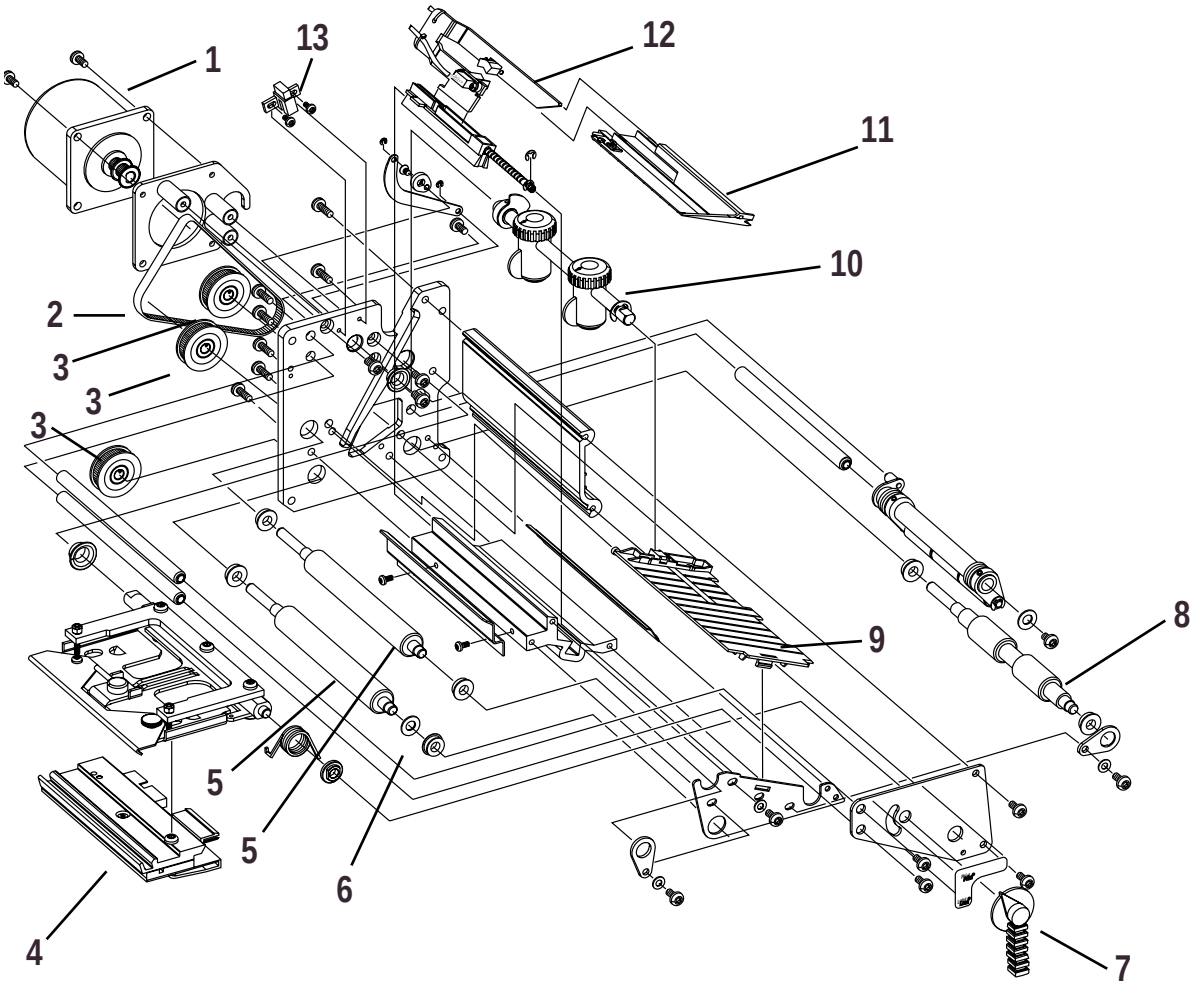
Pos.	Part No.	Description	Remarks
–	**1-040565-00**	Fan Fold Guides for external media supply (complete unit)	Including two shafts, each with two edge guides
1	**1-776238-10**	Edge Guides	

Right-Hand Door with Inspection Window



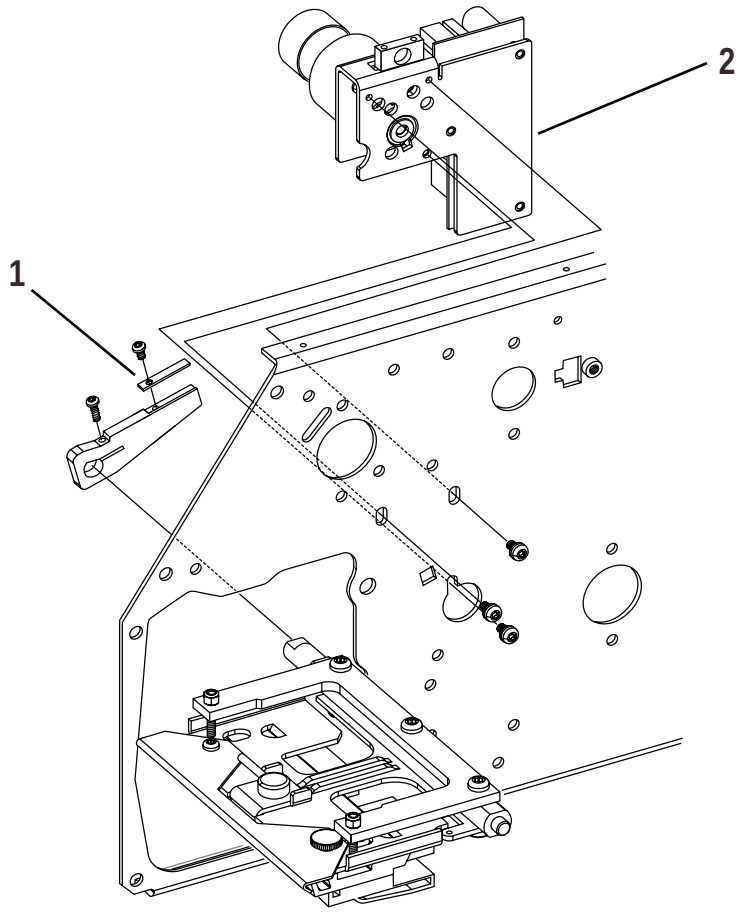
Pos.	Part No.	Description	Remarks
–	**1-040121-00**	Right-Hand Door w Window assy.	Can replace 1-040120-00 Right-Hand Door.

Print Unit (Ribbon Save)



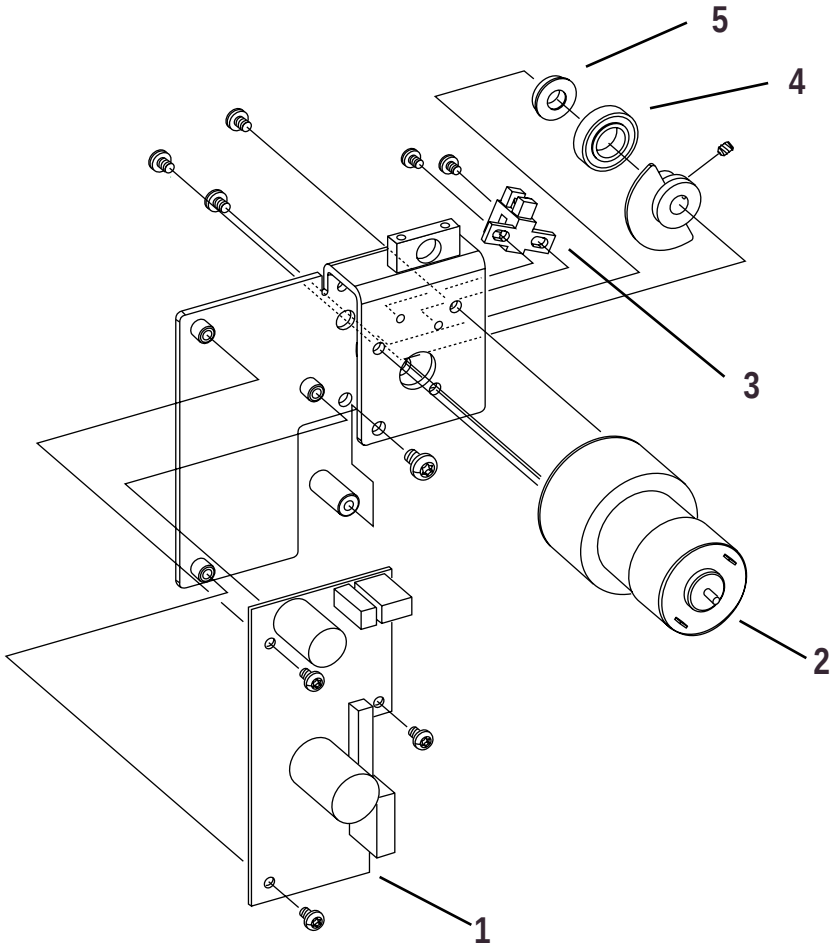
Pos.	Part No.	Description	Remarks
1	**1-040111-91**	Stepper Motor assy.	
2	**1-995101-81**	Tooth Belt 138MXL025 T=138	
3	**1-040100-02**	Tooth Belt Wheel assy.	
4	**1-010010-93**	Thermal Printhead (8 dots/mm = 203.2 dpi)	Complete w. adapter
4	**1-010003-92**	Thermal Printhead (11.81 dots/mm = 300 dpi)	Complete w. adapter
5	**1-040230-90**	Platen Roller assy.	Incl. 2 roller bearings
6	**1-995010-20**	Washer DB 6x12x1.0	
7	**1-040213-00**	Cam Handle	
8	**1-040416-90**	Pressing Roller assy.	Incl. 2 roller bearings
9	**1-040150-00**	Guide Lower	
10	**1-040138-20**	Head Pressure assy.	Comlete unit
11	**1-040151-00**	Guide Upper	
12	**1-040109-01**	Label Stop Sensor assy.	Complete excl. upper guide
13	**1-975607-25**	Reflecting Sensor assy. (Printhead lift)	Cable not shown

Headlift Mechanism (Ribbon Save)



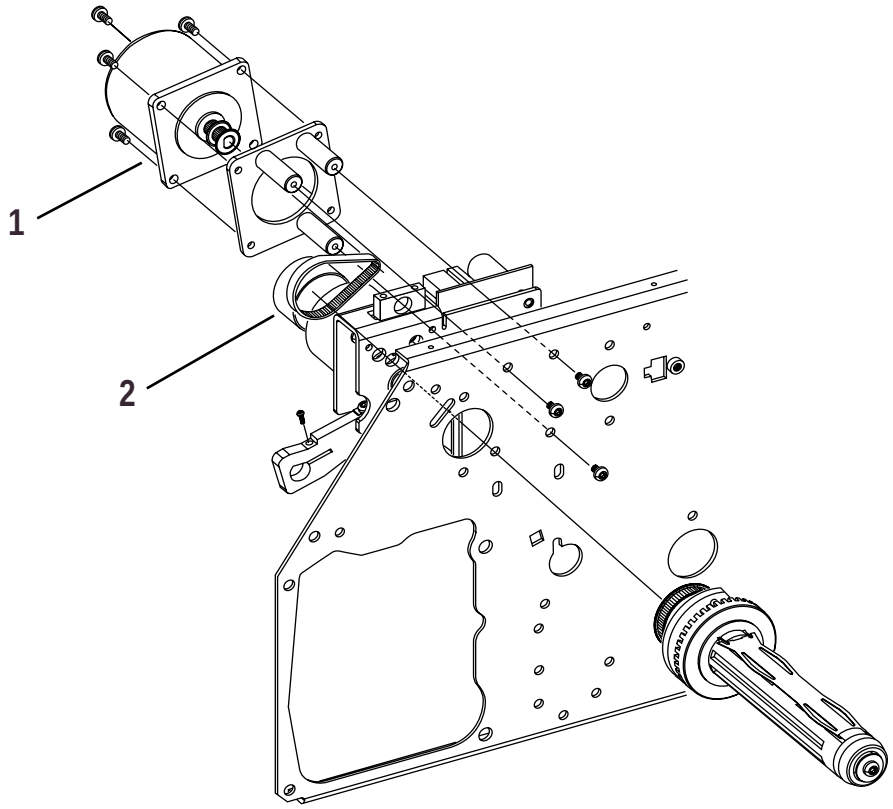
Pos.	Part No.	Description	Remarks
1	**1-040405-02**	Thrust Plate	
2	**1-040141-00**	Lifting Appliance assy.	See page 37 for details

Lifting Appliance (Ribbon Save)



Pos.	Part No.	Description	Remarks
1	**1-040702-28**	Driver Board assy.	
2	**1-150167-00**	DC-Motor assy.	
3	**1-975607-12**	Reflecting Sensor assy.	
4	**1-992435-29**	Ball Bearing 10x19x5	
5	**1-995191-32**	Ball Bearing Mini FLAWBC6-12Z	

Ribbon Rewind Unit (Ribbon Save)



Pos.	Part No.	Description	Remarks
1	**1-040111-91**	Stepper Motor assy.	
2	**1-995101-12**	Tooth Belt 504 MXL 025 T=63	

Miscellaneous (not illustrated)

Pos.	Part No.	Description	Remarks
–	**1-982731-00**	Mains Cable 2.4 m UL/CSA	U.S.A., Canada
–	**1-982756-00**	Mains Cable 2 m	U.K., Ireland
–	**1-982735-00**	Mains Cable 2.5 m EUR	European standard
–	**1-975583-18**	Parallel Interface Cable	3 metres (9.8 ft.)
–	**1-975580-05**	Serial Interface Cable RS-232 DB25 –> DB25	3 metres (9.8 ft.)
–	**1-975581-05**	Serial Interface Cable RS-232 DB25 –> DB9	3 metres (9.8 ft.)
–	**1-040950-00**	Cable (Power; CPU-board –> Printhead)	4 black + 4 brown cables
–	**1-975610-02**	Cable (Logics; CPU-board –> Printhead)	Blue flat cable (20P)
–	**1-040951-30**	Cable (CPU-board –> Cutter connector)	
–	**1-110501-00**	Cleaning Card	25-pack